26. (New) A calculator, comprising:

(a) a display screen covered by a touch sensitive surface; and

(b) a processing circuit, coupled to the display screen, for recording movements of a pointing member as it traces across the touch sensitive surface, for recognizing the recorded movements of the pointing member as characters, for converting the characters into mathematical expressions comprised of operands and operators, for displaying the mathematical expression on the display screen so that all of the operands and operators are simultaneously displayed thereon, for performing calculations indicated by the operands and operators in the displayed mathematical expressions, and for displaying a result of the performed calculations on the display screen, so that the result and the mathematical expression are simultaneously displayed thereon.

27. (New) A calculator, comprising:

(a) a display screen covered by a touch sensitive surface;

(b) means for recognizing handwritten input traced across the touch sensitive surface, wherein the handwritten input comprises a mathematical expression and the mathematical expression is comprised of operators and operands;

(c) means for displaying the mathematical expression on the display screen so that all of the operands and operators are simultaneously displayed;

(d) means for performing calculations indicated by the operators and operands in the displayed mathematical expression; and

(e) means for displaying a result of the performed calculations on the display screen, so that the result and the mathematical expression are simultaneously displayed thereon.

28. (New) The calculator as set forth in claim 27 above, further comprising means for recognizing numbers from the relative placement of the digits, so that when the digits are traced horizontally in close proximity to one another on the touch sensitive surface, they are considered to be a single number.

29. (New) The calculator as set forth in claim 27 above, further comprising means for recognizing mathematical expressions traced horizontally and vertically on the touch sensitive surface.

30. (New) The calculator as set forth in claim 27 above, further comprising means for computing a result for the calculations when the user traces a result operator on the touch sensitive surface.

31. (New) The calculator as set forth in claim 27 above, further comprising means for animating expressions on the touch sensitive surface as they are being calculated.

32. (New) The calculator as set forth in claim 27 above, further comprising means for accepting corrections in the mathematical expressions traced by the stylus in the touch sensitive surface.

33. (New) The calculator as set forth in claim 27 above, further comprising means for accepting marks traced by the stylus on the touch sensitive surface to annotate and label the recorded movements.

34. (New) The calculator as set forth in claim 27 above, further comprising means for accepting insertions in the mathematical expressions traced by the stylus on the touch sensitive surface.

35. (New) The calculator as set forth in claim 27 above, further comprising means for accepting deletions in the mathematical expressions traced by the stylus on the touch sensitive surface.

36. (New) A method of performing calculations in a calculator having a display screen covered by a touch sensitive surface, and a processing circuit coupled to the electronic input/output surface, the method comprising the steps of:

(a) recording movements of a pointing element in the processing circuit, as the stylus is traced across the touch sensitive surface;

(b) recognizing the recorded movements of the stylus as characters in the processing circuit;

(c) converting the characters into mathematical expressions comprised of operands and operators in the processing circuit;

(d) displaying the mathematical expression on the display screen so that all of the operands and operators are simultaneously displayed thereon;

(e) performing calculations indicated by the displayed mathematical expressions in the processing circuit; and

(f) displaying a result of the performed calculations on the display screen, so that the result and the mathematical expression are simultaneously displayed thereon.

37. (New) The method as set forth in claim 36 above, further comprising the step of recognizing numbers from the relative placement of the digits, so that when the digits are traced horizontally in close proximity to one another on the touch sensitive surface, they are considered to be a single number.

38. (New) The method as set forth in claim 36 above, further comprising the step of recognizing mathematical expressions traced horizontally and vertically on the touch sensitive surface.

39. (New) The method as set forth in claim 36 above, further comprising the step of computing a result for the calculations when the user traces a result operator on the touch sensitive surface.

40. (New) The method as set forth in claim 36 above, further comprising the step of animating expressions on the touch sensitive surface as they are being calculated.

41. (New) The method as set forth in claim 36 above, further comprising the step of accepting corrections in the mathematical expressions traced by the stylus in the touch sensitive surface.

42. (New) The method as set forth in claim 36 above, further comprising the step of accepting marks traced by the stylus on the touch sensitive surface to annotate and label the recorded movements.

43. (New) The method as set forth in claim 36 above, further comprising the step of accepting insertions in the mathematical expressions traced by the stylus on the touch sensitive surface.